

## **Historic, Archive Document**

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Ag 854E

*\*1970*

*summer*

*session*

*evening*

*courses* *+*

U. S. DEPT. OF AGRICULTURE  
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APR 13 1970

CURRENT SERIAL RECORDS

**GRADUATE SCHOOL • U. S. DEPARTMENT OF AGRICULTURE**

Independence Avenue, between 12th and 14th Streets, Southwest, Washington, D. C. 20250 • DUDley 8-6337

*register*

*May 23-28*



Continuing Education Program Open to All Adults:  
Government and Non-Government

## GENERAL INFORMATION

**Registration Week.** May 23-28 in the Patio (first floor) of the Administration Building, U. S. Department of Agriculture, 14th Street and Independence Avenue, S.W., Washington, D. C. 20250.

Monday-Friday 10-6:30

Saturday (May 23) 9-4

Classes begin during the week of June 1 and continue for 10 weeks, unless otherwise stated in the schedule. All classes meet in the evening. The classrooms are air-conditioned.

**Procedures:** Registration may be made in person between May 23 to 28 or by mail before May 22. For registration by mail, use the registration form inside the back cover. Include check with the registration form. Transcripts of previous educational records are not required, but graduation from high school, or the equivalent, is the general prerequisite for all courses. In addition, the more advanced courses have specific prerequisites. These are listed in the descriptions contained in the *Catalog*. Copies of the *Catalog* are available in the personnel and training offices of agencies of the Federal Government and in the Graduate School office.

**Social Security Number:** Bring to registration. Important.

**Fees:** The charge for tuition is ordinarily \$18 for each credit hour, payable at the time of registration. Arrangements can be made to pay one half of the tuition at that time, in addition to a \$1.00 service charge. The second payment is due by June 12.

**Late Registration:** After May 28, a \$2.00 late registration fee is charged for each course. Late registrations will be accepted through June 5 with permission of the Registrar, if space permits.

**Course Transfers:** Until June 5, students may transfer from one course to another without extra charge. After that date, there is a transfer fee of \$1.00. Transfers may be made only with the permission of the Registrar.

**Veterans:** A veteran eligible for training under the Veterans Readjustment Benefits Act of 1966 (Public Law 89-358) should consult the Registrar well in advance of registration so that approval can be obtained from the Veterans Administration.

**Government Employees Training Act:** If a student plans to ask his agency to pay all or part of his tuition under the training legislation (Public Law 85-507), he should make these arrangements well in advance of registration week.

**Credit-Audit Changes:** The deadline is June 19.

**Academic Credit:** Any student wishing to receive academic credit elsewhere for Graduate School courses should consult in advance with the college or university in which he plans to take a degree.

**Textbooks:** Textbooks can be purchased at the Graduate School Bookstore, Room 1404, South Building, during the following hours:

Registration Week, May 23-28  
Saturday, May 23, 9-4  
Monday-Thursday, 11-6:30

First and second weeks of classes, June 1-12  
Monday-Friday, 11-6:30  
Beginning June 15  
Monday-Friday, 11:00 a.m.-1:00 p.m.  
and 4:30 p.m.-6:15 p.m.

**Withdrawals and Refunds:** When a student withdraws from a course, a refund is granted in accordance with the following schedule:

Through June 5, tuition less \$5.00 for each course.

June 8-12, 60 per cent of the total tuition only. No other fees refunded.

June 15-19, 50 per cent of the total tuition only. No other fees refunded.

Notice of withdrawal must be made in writing to the Graduate School office. Forms are available for that purpose. Refunds are computed as of the date that notice of withdrawal is received in the Graduate School office.

**Parking Space:** Parking is available for students and faculty in two parking courts on the far east and south sides of the Administration Building. There is also space on the Mall, north of the Administration Building.

**Office Hours:** The Registrar's office, Room 1031, South Agriculture Building, 14th Street and Independence Avenue, S.W., Washington, D. C. 20250, is open from 8:15 to 6:15 p.m. Monday through Friday.

# SCHEDULE OF CLASSES

Registration: May 23-28						Classes begin June 1	
No.	Course Title	(Cr.)	Instructor	Day	Time	Fee	Catalog Page

## BIOLOGICAL SCIENCES

### Natural History Field Studies

- 1-132 Introduction to the Outdoors (1) Lavell and Associates M 6:10-8 \$18 p. 16  
(7 weeks beginning June 1. Field trips June 6, 20, July 11, 18.)
- 1-133 Introduction to Ecology (1) Monson Tu 6:10-8 \$18 p. 17  
(8 weeks beginning June 2) (Meets at Department of Interior)
- 1-153 Potomac Valley (2) Wesely M 6:10-8 (also 4 Saturday field trips) \$36  
p. 20 (8 weeks)

## LANGUAGES AND LITERATURE

### English—Grammar and Writing

- 2-29 Spelling and Basic Vocabulary (non-credit) Neuman M 6:10-9 \$36 p. 24
- 2-112 Practical English Usage (2) Amabile M 6:10-9 \$36 p. 24
- 2-35 English for Secretaries (non-credit) Gibbon W 6:10-9 \$36 p. 24
- 2-95 Improving Reading Ability (non-credit) Henderson M-W 6:10-8 \$54  
p. 24 (8 weeks)
- 2-38 English for Foreigners I (non-credit) Weeks M 6:10-9 \$36 p. 24
- 2-52 English for Foreigners II (non-credit) Weeks W 6:10-9 \$36 p. 25
- 2-119 Vocabulary Building (2) Gibbon M 6:10-9 \$36 p. 25
- 2-222A English Composition (First half) (3) Daniels M-W 6:10-8 \$54 p. 25
- 2-222B English Composition (Second half) (3) Engelhardt Tu-Th 6:10-8  
\$54 p. 25
- 2-226 Official Writing (2) Schaal Th 6:10-9 \$36 p. 26

### Literature

- 2-267 American Protest Literature (2) Traylor M 6:10-9 \$36  
(Study of representative selections whose themes or theses set forth salient aspects of social protest in the United States. Protest of Black people, women, and other protest groups. Authors include but not restricted to Ralph Ellison, F. Scott Fitzgerald, Betty Frieden, LeRoi Jones, Sinclair Lewis, Herman Melville, John Steinbeck, and Richard Wright.)
- 2-331 Significant Books of the Twentieth Century (2) Ruppert M 6:10-9  
\$36 p. 27
- 2-266B Novel: Comparative Study (Second half) (3) Traylor Tu-Th 6:10-8 \$54  
(Study of evolution of novel as form, with emphasis upon peak achievements in aspects of novel form and technique. Guided by Percy Lubbock's *The Craft of Fiction*, examination of several major novels, including but not restricted to Tolstoy, Dostoevsky, Thackeray, Flaubert, Cervantes, Henry James, Lady Murosaki, James Joyce, Virginia Wolfe, and Ralph Ellison.)
- 2-277 Twentieth Century Chinese Literature (2) Brown W 6:10-9 \$36  
(Selected literary works of Nationalist and Communist China in context of modern Chinese history. Influence of Western literature on Chinese authors. Literary revolution of 1910's. Poetry and short stories by leftist writers in 1920's and 1930's. Literature of Yanan—pre-liberation Communist literature. Function of literature in Communist China. Contemporary non-Communist Chinese literature. Prerequisite: Background in modern Chinese history helpful, but not required.)
- 2-368 Shakespeare (3) Lewis Tu-Th 6:10-8 \$54  
(Survey of Shakespeare's achievement in tragic and comic modes. Discussion focused on both moral values revealed in the 8 to ten plays read and on Shakespeare's development as blank verse poet.)
- 2-77 Poems, Puzzles, Puns, and Paradox (non-credit) Birch Tu 6:10-8 \$24  
(Study of process of transplanting seedling ideas from one mind to another through writings as different as Gospels and Gettysburg Address, or Hamlet and Mother Goose. Use of riddles and ambiguities to get an audience to think back on main idea even years after presentation. Outside reading optional.)

### Information Methods

- 2-243 Design in Visual Communication (2) Granahan Th 6:10-9 \$36 p. 30

### Library Techniques

- 2-137 Basic Reference Service and Reference Tools (2) Birch Th 6:10-9  
\$36 p. 31
- 2-138 Introduction to Bibliographic Science (2) Sherrod M 6:10-9 \$36 p. 31
- 2-145 Law Librarianship (2) Braucher W 6:10-9 \$36 p. 31

### Speech

- 2-228 Public Speaking for Beginners (2) Miller Th 6:10-9 \$36 p. 32
- 2-236 Remedial Speech (2) Daugherty Tu 6:10-9 \$36 p. 32





No.	Course Title	(Cr.)	Instructor	Day	Time	Fee	Catalog Page
8-455	sharing executive monitor system. Prerequisite: Basic Concepts of Data Processing, or equivalent, with some programming experience desirable.) <b>Computer Graphics: Theory and Application</b> (2) Mercready Tu 6:10-9 \$36						
	(Use of computers to produce quantitative maps through technique called Synagraphic Mapping System (SYMAP). Technique developed at Harvard University and applied to wide variety of problems dealing with diverse spatially-distributed information. The student will develop programming skills required to correlate statistical data onto map outputs and to work transformations on coordinate (essentially digitised) inputs. The student will develop and run his own map program with minimal extra cost for keypunch and computer time. Prerequisites: Fortran IV programming skills and knowledge of statistical analysis desirable, but not required.)						

## OFFICE TECHNIQUES AND OPERATIONS

### Administrative Procedures

4-101	Everyday Mathematics (2) Mouser Tu 6:10-9 \$36 p. 54						
4-105	Basic Concepts of Data Processing (3) \$54 p. 54						
	Section I Richardson M-W 6:10-8						
	Section II Nicholson Tu-Th 6:10-8						
	Section III Richardson Tu-Th 6:10-8						
	Section IV Willey Tu-Th 6:10-8						
4-108	Administrative Procedure (2) Wright Tu 6:10-9 \$36 p. 54						
4-201	Modern Supervisory Practice (2) Van Dersal M 6:10-9 \$36 p. 55						
4-112A	Federal Fiscal Procedure (First half) (2) Finotti W 6:10-9 \$36 p. 55						
4-112B	Federal Fiscal Procedure (Second half) (2) Robbins W 6:10-9 \$36 p. 55						
4-114	Federal Personnel Procedure (2) Starns Tu 6:10-9 \$33 p. 55						
4-116	Federal Budgetary Procedure: Formulation and Presentation (2) Johnson Th 6:10-9 \$36 p. 56						
4-118	Federal Budgetary Procedure: Execution and Fund Control (2) Pass W 6:10-9 \$36 p. 56						

### Shorthand

4-129	Gregg Shorthand I (3) \$54 p. 58						
	Section I Shaw M-Th 6:10-8						
	Section II Fritz M-Th 6:10-8						
4-130	Gregg Shorthand II (3) \$54 p. 58						
	Section I Vallieres M-Th 6:10-8						
	Section II Jackowski M-Th 6:10-8						
4-225	Gregg Shorthand III (60-80 Words) (3) \$54 p. 58						
	Section I Brewer M-Th 6:10-8						
	Section II Payton M-Th 6:10-8						
4-226	Gregg Shorthand IV (80-100 Words) (3) Trottnow M-Th 6:10-8 \$54 p. 59						

## PHYSICAL SCIENCES

5-35	Exploration of the Universe—Study Discussion Group (non-credit) Schulman M 6:10-8 \$24 p. 60						
5-113	Introduction to Astronomy (2) Fiala and associates Tu 6:10-9 \$36						
	(General survey of our knowledge of the earth, the solar system, and the universe, and the methods by which such information is obtained. Emphasis on basic physical principles, results obtained, and their limitations. Some observing as weather permits. Prerequisite: Previous exposure to physical science on the high school level helpful, but not required.)						
5-127	Physics of Modern Life (2) Drachman Tu 6:10-9 \$36						
	(Application of basic principles of physics to understanding of important processes and devices of today. Communications, flight, space flight, refrigeration, and others. Directed to satisfying curiosity of interested laymen. Not how-to-do course. Prerequisite: Basic physics course.)						
5-360	General Oceanography (2) Loomis W 6:10-9 \$36 p. 67						

## PUBLIC ADMINISTRATION

6-251	American History Since 1865 (3) Rasmussen Tu-Th 6:10-8 \$54 p. 74						
6-352A	Principles of Accounting (First half) (3) Instructor to be announced M-W 6:10-8 \$54 p. 87						
6-352B	Principles of Accounting (Second half) (3) Tronolone Tu-Th 6:10-8 \$54 p. 87						
6-353B	Intermediate Accounting (Second half) (3) McMillan M-W 6:10-8 \$54 p. 88						
6-264B	Federal Government Accounting (Second half) (2) Canada Th 6:10-9 \$36 p. 88						

## SOCIAL SCIENCES

7-201B	Principles of Economics (Second half) (3) Duskin M-W 6:10-8 \$54 p. 90						
7-2	How and Why of Stock Investments I (non-credit) Wexler M 6:10-9 \$36 p. 95						

No.	Course Title	(Cr.)	Instructor	Day	Time	Fee	Catalog Page
7-210	General Psychology	(3)	Gould	M-W	6:10-8	\$54	p. 96
7-155	Psychology and Politics	(3)	Mann	M-W	6:10-8	\$54	
(Examination and evaluation of utility of major psychological theories for providing meaningful explanations of political phenomena. Assumptions of "nature of man" from classical political philosophy (Plato, Aristotle, Locke, Hobbes, Marx). Autobiographical and biographical treatments of elite political actors (Woodrow Wilson, Lyndon Baines Johnson, Richard Milhous Nixon). Typologies of politically relevant personalities (authoritarianism, alienation, organization men). Psychological explanations of mass political behavior (public opinion and political ideology formation, voting behavior). Aggregate effects of personality, characteristics on political systems ("national character," political development, political stability).							
7-446	Personnel Psychology	(3)	Brady	Tu-Th	6:10-8	\$54 and \$2 laboratory fee	p. 96
7-573	Psychology of Dreams	(2)	Risser	W	6:10-9	\$36	
(Readings from both Freud and Jung on psychology of dreams. Material on recent research in psycho-physiology of dreams and sleep. Materials relating to general psychological theories of Freud and Jung in order to provide perspective in which dream theory may be approached.) (Meets at National Institute of Mental Health, Bethesda, Maryland.)							
7-462	Educational Psychology	(2)	Myer	Tu	6:10-9	\$36	p. 96
7-549	Juvenile Delinquency	(3)	Kramer	M	6:10-9:30	\$54	p. 100
7-120	Successful Retirement	(2)	Dreis, Pryor, and Wolfe	Th	6:10-9	\$36	
(Designed to make retirement years more meaningful. Importance of preparing for retirement. Gains and losses in retirement. Transition from structured to unstructured life. Place of work in life cycle. Financial planning. Living arrangements in retirement. Travel. Courses. Volunteer work. Other major undertakings. Couples encouraged to register.)							

#### International Relations

7-20	World Politics—Study Discussion Group	(non-credit)	Sweeney	Th	6:10-8	\$24	p. 103
7-542	Russia: Yesterday, Today, and Tomorrow	(3)	Czajkowski	Tu-Th	6:10-8	\$54	p. 102
7-499	Introduction to Modern China	(3)	Ristaino	M-W	6:10-8	\$54	p. 103

### TECHNOLOGY

#### Cartography

8-455	Computer Graphics: Theory and Application	(2)	Mercready	Tu	6:10-9	\$36	
(Use of computers to produce quantitative maps through technique called Synagraphic Mapping System (SYMAP). Technique developed at Harvard University and applied to wide variety of problems dealing with diverse spatially-distributed information. The student will develop programming skills required to correlate statistical data onto map outputs and to work transformations on coordinate (essentially digitised) inputs. The student will develop and run his own map program with minimal extra cost for keypunch and computer time. Prerequisites: Fortran IV programming skills and knowledge of statistical analysis desirable, but not required.)							

#### Fine and Applied Arts

8-320	Pencil Sketching and Water Color Painting	(2)	Cupoli	M-W	6:10-8	\$54 and \$5 laboratory fee	p. 117 (Meets at Georgetown Canal)
8-245	Pottery	(2)	Hinckley	Tu-Th	6:10-8	\$54 and \$25 studio fee	(Beginning course in throwing on the wheel, hand building, glazing, firing, and tool making in fully equipped pottery studio.) (Meets in Georgetown)
8-333	Art Appreciation	(2)	Hinckley	W	6:10-9	\$36	p. 118
8-369	Contemporary Art: Its Sources	(3)	Nightlinger	Tu-Th	6:10-8	\$54	p. 119
8-372	African Art and Culture	(2)	Robbins and associates	W	6:10-9	\$36	
(Survey covering traditional and contemporary art, music, dance, and textiles of Subsaharan Africa. Also, impact of African sculpture on modern Western art.) (Meets at Museum of African Art.)							
8-352	Architecture of Washington, D. C.	(2)	van Sweden	M	6:10-9	\$36 and \$5 laboratory fee	p. 119
8-370	Music Appreciation	(2)	Shortridge	M	6:10-9	\$36 and \$5 laboratory fee	p. 120
8-322	Art, Layout, and Design for Reproduction	(2)	Granahan and Taylor	Tu	6:10-9	\$36	p. 121
8-140	Dimensional Design	(2)	Baka	W	6:10-9	\$36	p. 121
8-142	Exhibit Graphics and Fabrication	(2)	Schleyer	W	6:10-9	\$36	p. 122

#### Photography

8-70	Introduction to Photography	(non-credit)	McCullough	W	6:10-9	\$36 and \$2 laboratory fee	p. 122
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DEADLINE FOR REGISTRATION  
BY MAIL May 22, 1970

GRADUATE SCHOOL  
U. S. DEPARTMENT OF AGRICULTURE

STUDENT INFORMATION DATA

(1-2)	SOCIAL SECURITY NO. (3-11)	LAST NAME (12-26)	FIRST NAME (27-37)	INITIAL (38)
R 1				
CIRCLE ONE (39)		DATE OF BIRTH (40-45)	HOME PHONE (46-55)	OFFICE PHONE (56-65)
1. Mr.      2. Mrs.      3. Miss		MO.   DAY   YR	AREA CODE	AREA CODE
HAVE YOU PREVIOUSLY ENROLLED IN USDA GRADUATE SCHOOL?		IF PREVIOUSLY ENROLLED UNDER NAME OTHER THAN ABOVE		FORMER LAST NAME
1 <input type="checkbox"/> YES      2 <input type="checkbox"/> NO				

EMPLOYMENT STATUS	
DEPT/AGENCY/FIRM	ORGANIZATIONAL UNIT
POSITION	CIVIL SER. (67-70)
	CLASS   GRADE

HOME MAILING ADDRESS		
(1-2)	STREET ADDRESS (16-35)	ADDITIONAL ADDRESS INFORMATION (36-54)
R 2		
CITY (55-69)	STATE (70-71)	ZIP CODE (72-76)

EDUCATIONAL BACKGROUND													
CIRCLE HIGHEST GRADE COMPLETED (77-78)	8	9	10	11	12	13	14	15	16	17	18	19	20

COLLEGE OR UNIVERSITY	MAJOR	DATES ATTENDED (From-To)	DEGREE	YEAR

REASON FOR ENROLLMENT (Check one most important) (80)	FIRST COURSE				
	(1-2)	COURSE NO. (18-25)	SECTION	CHECK ONE (26)	NO. OF CREDIT HRS. (Circle one)
	B1	E		1 <input type="checkbox"/> CREDIT 2 <input type="checkbox"/> AUDIT	0 1 2 3 4 5
	COURSE TITLE				
	VETERANS USING GI BILL (Check one) (51)				
	1 <input type="checkbox"/> I HAVE VA CERTIFICATE FOR THIS COURSE 2 <input type="checkbox"/> I HAVE APPLIED FOR VA CERTIFICATE FOR THIS COURSE				
	SECOND COURSE				
	(1-2)	COURSE NO. (18-25)	SECTION	CHECK ONE (26)	NO. OF CREDIT HRS. (Circle one)
	B2	E		1 <input type="checkbox"/> CREDIT 2 <input type="checkbox"/> AUDIT	0 1 2 3 4 5
	COURSE TITLE				
	VETERANS USING GI BILL (Check one) (51)				
	1 <input type="checkbox"/> I HAVE VA CERTIFICATE FOR THIS COURSE. 2 <input type="checkbox"/> I HAVE APPLIED FOR VA CERTIFICATE FOR THIS COURSE.				

GRADUATE SCHOOL - USDA      FORM NO. R-002

Check Enclosed ☐ Amount .....

STUDENT'S SIGNATURE

DATE

U. S. DEPARTMENT OF AGRICULTURE  
GRADUATE SCHOOL  
WASHINGTON, D. C. 20250

National Agricultural Library  
Current Serial Records  
Room 1536 South Building

1970 SUMMER

SCHEDULE OF CLASSES

